Docket # 5250-7

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

e Application of

Robert R. Alfano et al.

Serial No.:

10/728,562

Filed: December 5, 2003

For:

Photodetectors and Optically Pumped Emitters

Based on III-Nitride Multiple-Quantum-Well

Structures

Group Art: 2815

Examiner: J. Jackson, Jr.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

July 18, 2005 (Date of Deposit)

Kent H. Cheng

Name of applicant, assignee or R

July 18, 2005 Date of Signature

Mail Stop Non Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## **AMENDMENT**

SIR:

In response to the Office Action dated April 18, 2005, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Amendments to the Drawings begin on page 11 and are shown on attached replacement sheets.

Remarks/Arguments begin on page 12 of this paper.